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**(54) Title:** SPHERICAL MICROPARTICLES CONTAINING LINEAR POLYSACCHARIDES**(54) Bezeichnung:** SPHÄRISCHE LINEARE POLYSACCHARIDE ENTHALTENDE MIKROPARTIKEL**(57) Abstract**

The invention relates to microparticles having a uniform spherical shape and showing a very narrow dimensional distribution. These microparticles are fully or partly composed of a linear water insoluble polysaccharide, preferably 1,4- $\alpha$ -D-polyglucan, and they can contain other, preferably biodegradable, polymers and/or active ingredients. They can, inter alia, be used for the controlled release of active ingredients. They are produced by dissolving the 1,4- $\alpha$ -D-polyglucan or said polysaccharide in a solvent, mixing the solution with a precipitating agent, cooling the mixture and separating the formed particles.